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DATE: Thursday, June 24, 2004

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<input type="checkbox"/>	L6	L5 and phosphatidylglycerol and phosphatidylcholine	36
<input type="checkbox"/>	L5	human same phospholipase	2246
<input type="checkbox"/>	L4	L3 and phosphatidylglycerol and phosphatidylcholine	191
<input type="checkbox"/>	L3	human and phospholipase	8338
<input type="checkbox"/>	L2	L1 and phosphatidylglycerol and phosphatidylcholine	3
<input type="checkbox"/>	L1	spla2 and human and phospholipase	100

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Search Results - Record(s) 1 through 20 of 36 returned.

☐ 1. Document ID: US 20040087492 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 36

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040087492

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040087492 A1

TITLE: Use of lipid conjugates in the treatment of diseases

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yedgar, Saul	Jerusalem		IL	
Krimsky, Miron	Jerusalem		IL	
Beck, Grietje	Heidelberg		DE	
Yard, Benito Antonio	Freinsheim		DE	
van der Woude, Fokko Johannes	Hirschberg-Leutershausen		DE	

US-CL-CURRENT: [514/7](#); [514/165](#), [514/54](#), [514/56](#), [514/78](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMO	Draw Ds
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☐ 2. Document ID: US 20040005705 A1

L6: Entry 2 of 36

File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040005705

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040005705 A1

TITLE: Antisense modulation of phospholipase D2 expression

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bennett, C. Frank	Carlsbad	CA	US	
Dobie, Kenneth W.	Del Mar	CA	US	

US-CL-CURRENT: 435/375; 514/44, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20040005604 A1

L6: Entry 3 of 36

File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040005604

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040005604 A1

TITLE: Phospholipases, nucleic acids encoding them and methods for making and using them

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gramatikova, Svetlana	San Diego	CA	US	
Hazlewood, Geoff	San Diego	CA	US	
Lam, David E.	San Elijo Hills	CA	US	
Barton, Nelson R.	San Diego	CA	US	

US-CL-CURRENT: 435/6; 435/198, 435/320.1, 435/325, 435/69.1, 536/23.2, 702/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20030232340 A1

L6: Entry 4 of 36

File: PGPB

Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030232340

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030232340 A1

TITLE: Nanoporous particle with a retained target

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, David	Colonial Heights	VA	US	

US-CL-CURRENT: 435/6; 435/287.2, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 20030219849 A1

L6: Entry 5 of 36

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219849
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030219849 A1

TITLE: Fluorescent phospholipase assay, phospholipase A2 inhibitor and stimulator,
and the use thereof

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tsao, Francis H.C.	Madison	WI	US	
Meyer, Keith C.	Middleton	WI	US	

US-CL-CURRENT: 435/21; 424/146.1, 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 6. Document ID: US 20030175383 A1

L6: Entry 6 of 36

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175383
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030175383 A1

TITLE: Method of improving dough and bread quality

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bojsen, Kirsten	Hellerup		DK	
Poulsen, Charlotte Horsmans	Braband		DK	
Soe, Jorn Borch	Tilst		DK	

US-CL-CURRENT: 426/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 7. Document ID: US 20030175205 A1

L6: Entry 7 of 36

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175205
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030175205 A1

TITLE: Lipid-based systems for targeting diagnostic agents

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jorgensen, Kent	Sageyard		DK	
Davidsen, Jesper	Copenhagen		DK	
Vermehren, Charlotte	Bingsted		DK	
Frokjer, Sven	Holte		DK	
Mouritsen, Ole G.	Odense		DK	

US-CL-CURRENT: [424/1.11](#); [435/7.23](#), [534/11](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des
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☐ 8. Document ID: US 20030170297 A1

L6: Entry 8 of 36

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170297

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170297 A1

TITLE: Lipid-based drug delivery systems containing phospholipase a2 degradable lipid derivatives for topical application to the skin

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jorgensen, Kent	Bagsvaerd		DK	
Davidsen, Jesper	Copenhagen		DK	
Vermehren, Charlotte	Sotoftevej		DK	
Frokjaer, Sven	Holte		DK	
Mouritsen, Ole G.	Odense M		DK	

US-CL-CURRENT: [424/450](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des
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☐ 9. Document ID: US 20030162748 A1

L6: Entry 9 of 36

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162748

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162748 A1

TITLE: Lipid-based drug delivery systems against parasitic infections

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jorgensen, Kent	Copenhagen		US	
Davidson, Jesper	Ringsted		DK	
Vermehren, Charlotte	Holte		DK	
Frokjer, Sven	Odorse		DK	
Mouritsen, Ole G			DK	

US-CL-CURRENT: 514/78; 514/786

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMOC	Draw D
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☐ 10. Document ID: US 20030157113 A1

L6: Entry 10 of 36

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157113

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157113 A1

TITLE: Compositions and methods for treatment of neoplastic disease

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Terman, David S.	Pebble Beach	CA	US	

US-CL-CURRENT: 424/184.1; 435/346

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMOC	Draw D
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☐ 11. Document ID: US 20030108743 A1

L6: Entry 11 of 36

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030108743

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030108743 A1

TITLE: Coated particles, methods of making and using

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, David M.	Colonial Heights	VA	US	

US-CL-CURRENT: 428/402.24

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC	Draw. De
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☐ 12. Document ID: US 20030100524 A1

L6: Entry 12 of 36

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100524

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100524 A1

TITLE: Antisense modulation of phospholipase A2 group V expression

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bennett, C. Frank	Carlsbad	CA	US	
Wyatt, Jacqueline	Encinitas	CA	US	

US-CL-CURRENT: 514/44; 435/375, 435/6, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC	Draw. De
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☐ 13. Document ID: US 20030086919 A1

L6: Entry 13 of 36

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030086919

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030086919 A1

TITLE: Therapeutic agents comprising pro-apoptotic proteins

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosenblum, Michael G.	Houston	TX	US	
Liu, Yuying	Houston	TX	US	

US-CL-CURRENT: 424/94.63; 424/146.1, 424/85.1, 435/226, 435/320.1, 435/325, 435/69.1, 514/12, 530/388.25, 530/388.26, 530/399, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC	Draw. De
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☐ 14. Document ID: US 20030083231 A1

L6: Entry 14 of 36

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083231
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030083231 A1

TITLE: Blood cell deficiency treatment method

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ahlem, Clarence N.	San Diego	CA	US	
Reading, Christopher	San Diego	CA	US	
Frincke, James	San Diego	CA	US	
Stickney, Dwight	Granite Bay	CA	US	
Lardy, Henry A.	Madison	WI	US	
Marwah, Padma	Middleton	WI	US	
Marwah, Ashok	Middleton	WI	US	
Prendergast, Patrick T.	Straffan		IE	

US-CL-CURRENT: 514/2; 514/169, 514/173, 514/26, 514/44, 514/63

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WWW	Draw. Data
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☐ 15. Document ID: US 20030073087 A1

L6: Entry 15 of 36

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073087
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030073087 A1

TITLE: Novel mammalian secreted group IIF phospholipase A2

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lazdunski, Michel	Nice		FR	
Lambeau, Gerard	Blausasc		FR	
Valentin, Emmanuel	Melun		FR	

US-CL-CURRENT: 435/6; 435/198, 435/320.1, 435/325, 435/69.1, 530/388.26, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WWW	Draw. Data
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☐ 16. Document ID: US 20030045487 A1

L6: Entry 16 of 36

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030045487
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030045487 A1

TITLE: Antisense modulation of phospholipase A2, group 11A (synovial) expression

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bennett, C. Frank	Carlsbad	CA	US	
Wyatt, Jacqueline	Encinitas	CA	US	

US-CL-CURRENT: 514/44; 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw. Ds
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☐ 17. Document ID: US 20030022242 A1

L6: Entry 17 of 36

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030022242
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030022242 A1

TITLE: Particles with improved solubilization capacity

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, David	Colonial Heights	VA	US	

US-CL-CURRENT: 435/7.1; 424/490

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw. Ds
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☐ 18. Document ID: US 20020188101 A1

L6: Entry 18 of 36

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020188101
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020188101 A1

TITLE: Conjugated peptide nucleic acids having enhanced cellular uptake

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Neilsen, Peter E. Kokkedal DK
Knudsen, Helle Copenhagen DK

US-CL-CURRENT: 530/324; 435/6, 530/325, 530/326, 530/327, 530/328, 530/329,
530/330, 530/331, 544/276, 544/277

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Ds
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☐ 19. Document ID: US 20020177551 A1

L6: Entry 19 of 36

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177551
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020177551 A1

TITLE: Compositions and methods for treatment of neoplastic disease

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Terman, David S.	Pebble Beach	CA	US	

US-CL-CURRENT: 514/12; 435/325, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Ds
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☐ 20. Document ID: US 20020049183 A1

L6: Entry 20 of 36

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049183
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020049183 A1

TITLE: Use of lipid conjugates in the treatment of disease

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yedgar, Saul	Jerusalem		IL	
Shuseyov, David	Carmei Yossef		IL	
Golomb, Gershon	Efrat		IL	
Reich, Reuven	Rehovot		IL	
Ginsburg, Isaac	Jerusalem		IL	
Higazi, Abd-al-Roof	Shimshon		IL	
Ligumski, Moshe	Jerusalem		IL	
Krimsky, Miron	Jerusalem		IL	

Ojcius, David	Vincennes	FR
Yard, Benito Antonio	Freinsheim	DE
van der Woude, Fokko Johannes	Hirschberg-Leutershausen	DE
Schnitzer, Edit	Tel Aviv	IL

US-CL-CURRENT: [514/54](#); [514/171](#), [514/53](#), [514/56](#), [514/58](#), [514/61](#), [514/78](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMIC	Draw. D
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L5 and phosphatidylglycerol and phosphatidylcholine

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L6: Entry 21 of 36

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020001614

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020001614 A1

TITLE: Lipid-based drug delivery systems containing phospholipase A2 degradable lipid derivatives and the therapeutic uses thereof

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jorgensen, Kent	Bagsvaerd		DK	
Davidsen, Jesper	Copenhagen		DK	
Vermehren, Charlotte	Sotofte		DK	
Frokjaer, Sven	Holte		DK	
Mouritsen, Ole G.	Klampenborg		DK	

US-CL-CURRENT: 424/450; 554/103, 554/51, 554/84

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KNOC	Draw D
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☐ 22. Document ID: US 6686442 B2

L6: Entry 22 of 36

File: USPT

Feb 3, 2004

US-PAT-NO: 6686442

DOCUMENT-IDENTIFIER: US 6686442 B2

TITLE: Conjugated peptide nucleic acids having enhanced cellular uptake

DATE-ISSUED: February 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neilsen; Peter E.	Kokkedal			DK
Knudsen; Helle	Copenhagen			DK

US-CL-CURRENT: 530/300; 530/323, 536/22.1, 536/23.1

ABSTRACT:

Peptide nucleic acids conjugated to lipophilic groups and incorporated into liposomes exhibit enhanced cellular uptake and distribution. Cellular uptake and distribution of peptide nucleic acids also increases with the introduction of an amino acid side chain into the backbone of peptide nucleic acids. Methods of modulating cellular uptake and methods for treating animals are provided. The peptide nucleic acids of the invention comprise naturally-occurring nucleobases and non-naturally-occurring nucleobases attached to a polyamide backbone.

14 Claims, 1 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 23. Document ID: US 6638621 B2

L6: Entry 23 of 36

File: USPT

Oct 28, 2003

US-PAT-NO: 6638621

DOCUMENT-IDENTIFIER: US 6638621 B2

**** See image for Certificate of Correction ****

TITLE: Coated particles, methods of making and using

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; David	Colonial Heights	VA		

US-CL-CURRENT: 428/402.24; 424/422, 424/426, 424/450, 435/176

ABSTRACT:

A particle coated with a nonlamellar material such as a nonlamellar crystalline material, a nonlamellar amorphous material, or a nonlamellar semi-crystalline material includes an internal matrix core having at least one a nanostructured liquid phase, or at least on nanostructured liquid crystalline phase or a combination of the two is used for the delivery of active agents such as pharmaceuticals, nutrients, pesticides, etc. The coated particle can be fabricated by a variety of different techniques where the exterior coating is a nonlamellar material such as a nonlamellar crystalline material, a nonlamellar amorphous material, or a nonlamellar semi-crystalline material.

107 Claims, 11 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 24. Document ID: US 6610661 B1

L6: Entry 24 of 36

File: USPT

Aug 26, 2003

US-PAT-NO: 6610661

DOCUMENT-IDENTIFIER: US 6610661 B1

TITLE: Immunostimulatory polynucleotide/immunomodulatory molecule conjugates

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carson; Dennis A.	Del Mar	CA		
Raz; Eyal	Del Mar	CA		
Roman; Mark	San Diego	CA		

US-CL-CURRENT: 514/44; 424/184.1, 424/185.1, 424/193.1, 536/23.1

ABSTRACT:

Immunostimulatory polynucleotide-immunomodulatory molecule conjugate compositions are disclosed. These compositions include a polynucleotide that is linked to an immunomodulatory molecule, which molecule comprises an antigen and may further comprise immunomodulators such as cytokines and adjuvants. The polynucleotide portion of the conjugate includes at least one immunostimulatory oligonucleotide nucleotide sequence (ISS). Methods of modulating an immune response upon administration of the polynucleotide-immunomodulatory conjugate preparation to a vertebrate host are also disclosed.

59 Claims, 7 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 25. Document ID: US 6468759 B1

L6: Entry 25 of 36

File: USPT

Oct 22, 2002

US-PAT-NO: 6468759

DOCUMENT-IDENTIFIER: US 6468759 B1

TITLE: Direct colorimetric detection of biocatalysts

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Charych; Deborah Albany CA

US-CL-CURRENT: 435/7.4; 435/183, 435/7.1, 435/7.72, 436/518, 436/528, 436/531,
436/535

ABSTRACT:

The present invention relates to methods and compositions for the direct detection of membrane conformational changes through the detection of color changes in biopolymeric materials. In particular, the present invention allows for the direct colorimetric detection of membrane modifying reactions and analytes responsible for such modifications and for the screening of reaction inhibitors.

16 Claims, 46 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 40

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Knowl	Draw. O.
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☐ 26. Document ID: US 6410325 B1

L6: Entry 26 of 36

File: USPT

Jun 25, 2002

US-PAT-NO: 6410325

DOCUMENT-IDENTIFIER: US 6410325 B1

TITLE: Antisense modulation of phospholipase A2, group VI (Ca²⁺-independent) expression

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bennett; C. Frank	Carlsbad	CA		
Freier; Susan M.	San Diego	CA		
Watt; Andrew T.	Vista	CA		

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33,
536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Phospholipase A2, group VI (Ca²⁺-independent). The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Phospholipase A2, group VI (Ca²⁺-independent). Methods of using these compounds for modulation of Phospholipase A2, group VI (Ca²⁺-independent) expression and for treatment of diseases associated with expression of Phospholipase A2, group VI (Ca²⁺-independent) are provided.

13 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 27. Document ID: US 6350853 B1

L6: Entry 27 of 36

File: USPT

Feb 26, 2002

US-PAT-NO: 6350853

DOCUMENT-IDENTIFIER: US 6350853 B1

TITLE: Conjugated peptide nucleic acids having enhanced cellular uptake

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nielsen; Peter E.	Kokkedal			DK
Knudsen; Helle	Copenhagen			DK

US-CL-CURRENT: 530/300; 424/450, 536/23.1, 536/24.3, 536/24.5

ABSTRACT:

Peptide nucleic acids conjugated to lipophilic groups and incorporated into liposomes exhibit enhanced cellular uptake and distribution. Cellular uptake and distribution of peptide nucleic acids also increases with the introduction of an amino acid side chain into the backbone of peptide nucleic acids. Methods of modulating cellular uptake and methods for treating animals are provided. The peptide nucleic acids of the invention comprise naturally-occurring nucleobases and non-naturally-occurring nucleobases attached to a polyamide backbone.

8 Claims, 1 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 28. Document ID: US 6331254 B1

L6: Entry 28 of 36

File: USPT

Dec 18, 2001

US-PAT-NO: 6331254

DOCUMENT-IDENTIFIER: US 6331254 B1

TITLE: Methods of separation and detection

DATE-ISSUED: December 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
White; Thayer	Clyde Hill	WA		

Nudelman; Edward Seattle WA

US-CL-CURRENT: 210/658; 210/198.3, 436/162, 436/172

ABSTRACT:

Methods which employ thin layer chromatography for separating and detecting hydrophobic target molecules are particularly useful in separating biologically relevant lipids. By utilizing non-destructive detection techniques, these methods also can be adapted to further quantification or structural analysis.

18 Claims, 7 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw. De
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☐ 29. Document ID: US 6258600 B1

L6: Entry 29 of 36

File: USPT

Jul 10, 2001

US-PAT-NO: 6258600

DOCUMENT-IDENTIFIER: US 6258600 B1

TITLE: Antisense modulation of caspase 8 expression

DATE-ISSUED: July 10, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Hong	Carlsbad	CA		
Cowser; Lex M.	Carlsbad	CA		

US-CL-CURRENT: 435/366; 435/183, 435/212, 435/325, 435/375, 536/23.1, 536/24.3, 536/24.31, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of caspase 8. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding caspase 8. Methods of using these compounds for modulation of caspase 8 expression and for treatment of diseases associated with expression of caspase 8 are provided.

13 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw. De
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☐ 30. Document ID: US 6172038 B1

L6: Entry 30 of 36

File: USPT

Jan 9, 2001

US-PAT-NO: 6172038

DOCUMENT-IDENTIFIER: US 6172038 B1

TITLE: Antipathogenic peptides and compositions comprising them

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shai; Yechiel	Yahud			IL
Oren; Ziv	Rishon Le-Zion			IL

US-CL-CURRENT: 514/2; 514/12, 514/13, 514/14, 514/21, 530/300, 530/324, 530/326, 530/327, 530/345

ABSTRACT:

Peptides which have a net positive charge and none or only a partial α -helix configuration were found to have a non-hemolytic selective cytolytic activity. The peptides may be derived from natural peptides such as pardaxin and mellitin and fragments thereof in which L-amino acid residues are replaced by corresponding D-amino acid residues, and cyclic derivatives of the foregoing, or are diastereomers of linear peptides composed of varying ratios of at least one positively charged amino acid and at least one hydrophobic amino acid, and in which at least one of the amino acid residues is a D-amino acid, and preferably at least one third of the sequence is composed of D-amino acid residues. Pharmaceutical compositions comprising the non-hemolytic cytolytic peptides can be used for the treatment of several diseases caused by pathogens including antibacterial, fungal, viral, mycoplasma and protozoan infections and for the treatment of cancer.

15 Claims, 30 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	FIGS	Draw. Ds
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☐ 31. Document ID: US 6008344 A

L6: Entry 31 of 36

File: USPT

Dec 28, 1999

US-PAT-NO: 6008344

DOCUMENT-IDENTIFIER: US 6008344 A

TITLE: Antisense modulation of phospholipase A2 group IV expression

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Bennett; C. Frank Carlsbad CA
Cowser; Lex M. Carlsbad CA

US-CL-CURRENT: 536/24.5; 435/325, 435/6, 435/91.1, 435/91.31, 536/23.1, 536/23.2,
536/24.3

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Phospholipase A2 Group IV. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Phospholipase A2 Group IV. Methods of using these compounds for modulation of Phospholipase A2 Group IV expression and for treatment of diseases associated with expression of Phospholipase A2 Group IV are provided.

20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. D
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☐ 32. Document ID: US 5955584 A

L6: Entry 32 of 36

File: USPT

Sep 21, 1999

US-PAT-NO: 5955584

DOCUMENT-IDENTIFIER: US 5955584 A

TITLE: Atherosclerotic plaque specific antigens, antibodies thereto, and uses thereof

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ditlow; Charles C.	Fremont	CA		
Chen; Francis W.	San Francisco	CA		
Calenoff; Emanuel	Chicago	IL		

US-CL-CURRENT: 530/388.2; 435/11, 436/543, 530/391.1, 530/391.3

ABSTRACT:

The subject invention provides a naturally occurring antigen indicative of the presence of atherosclerotic plaque. The subject invention provides a murine-human chimeric monoclonal antibody which specifically binds to an antigen indicative of the presence of atherosclerotic plaque; and methods and reagents involving the use of the murine-human chimeric monoclonal antibody. The subject invention provides a CDR-grafted antibody; and methods and reagents involving the use of the CDR-grafted antibody. The subject invention provides a surrogate antigen; methods and reagents involving the use of the surrogate antigen, preparation of the surrogate antigen, antibodies generated from the surrogate antigen.

83 Claims, 68 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 52

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. De
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☐ 33. Document ID: US 5811248 A

L6: Entry 33 of 36

File: USPT

Sep 22, 1998

US-PAT-NO: 5811248
DOCUMENT-IDENTIFIER: US 5811248 A

TITLE: Atherosclerotic plaque specific antigens, antibodies thereto, and uses thereof

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ditlow; Charles C.	Fremont	CA		
Chen; Francis W.	San Francisco	CA		
Calenoff; Emanuel	Chicago	IL		

US-CL-CURRENT: 435/7.9; 424/133.1, 424/134.1, 424/135.1, 424/178.1, 424/9.6,
435/11, 435/7.1, 435/7.92, 435/7.93, 530/387.3, 530/388.1, 530/388.9, 530/391.1,
530/391.3

ABSTRACT:

An antigen comprising 5,7 cholestadien-3.beta.-ol (7-dehydrocholesterol) or a compound having a structure similar to 5,7 cholestadien-3.beta.-ol and a quaternary ammonium salt is provided. Also provided is a method of generating an antibody using the aforementioned antigen, as well as antibodies produced thereby and fragments of such antibodies. The invention also provides a rat myeloma cell line Z2D3 73/30 1D10 and a murine-human chimeric monoclonal antibody produced thereby. A CDR-grafted antibody comprising a CDR region amino acid sequence from hybridoma Z2D3 or hybridoma Z2D3/3E5 and framework and constant region amino acid sequences from a human immunoglobulin is further provided. Also provided are methods for imaging atherosclerotic plaque, ablating atherosclerotic plaque, detecting and quantitatively determining in a sample an antigen indicative of the presence of atherosclerotic plaque, reducing the amount of atherosclerotic plaque in a blood vessel, and treating atherosclerosis in a subject. The invention also provides peptides having amino acid sequences which are the same or substantially the same as those of the aforementioned murine-human chimeric monoclonal antibody, as well as isolated nucleic acid sequences encoding therefore.

28 Claims, 68 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 52

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. De
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☐ 34. Document ID: US 5552530 A

L6: Entry 34 of 36

File: USPT

Sep 3, 1996

US-PAT-NO: 5552530

DOCUMENT-IDENTIFIER: US 5552530 A

TITLE: Antibodies that specifically bind to and inhibit human synovial
phospholipase A.sub.2 type A

DATE-ISSUED: September 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Johnson; Lorin K.	Pleasanton	CA		
Seilhamer; Jeffrey J.	Milpitas	CA		
Pruzanski; Waldemar	Willowdale			CA
Vadas; Peter	Toronto			CA

US-CL-CURRENT: 530/387.9; 530/388.26, 530/389.1

ABSTRACT:

Antibodies that specifically bind to and inhibit the enzymatic activity of synovial phospholipase A.sub.2 Type A are described. The antibodies may be used in assays for detection of synovial phospholipase A.sub.2 in biological samples.

8 Claims, 18 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 18

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KNOW	Draw D
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☐ 35. Document ID: US 5164196 A

L6: Entry 35 of 36

File: USPT

Nov 17, 1992

US-PAT-NO: 5164196

DOCUMENT-IDENTIFIER: US 5164196 A

TITLE: Crotoxin complex as cytotoxic agent

DATE-ISSUED: November 17, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Plata; Guillermo J. H.	Maracaibo-Zulia			VE
Costa; Luis A.	Buenos Aires			AR
Coni; Carlos M.	La Rioja			AR

Vidal; Juan C.

Cambridge

MA

US-CL-CURRENT: 424/542; 514/2, 514/21, 530/856

ABSTRACT:

The present invention provides a stable composition of matter based on the cytotoxic activity of a basic phospholipase A.sub.2 of molecular weight 14,500 and isoelectric point 9.6-9.7 (crotoxin B) isolated from the venom of Crotalus durissus terrificus which in complex with a specific, non-enzymatic, peptide of molecular weight 9,500 and isoelectric point 3.5-3.7 (crotoxin A) displays a preferential cytotoxic activity against various types of tumor cells. When administered parenterally in an acceptable vehicle and in pharmacologically efficient amounts to animals and humans the complex is useful in the treatment of malignant tumors in advanced stages. The method for purification of the active components, the preparation in a pharmacologically acceptable form, and the method of therapeutic use of the present composition of matter are also disclosed.

7 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. De
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☐ 36. Document ID: US 5019508 A

L6: Entry 36 of 36

File: USPT

May 28, 1991

US-PAT-NO: 5019508

DOCUMENT-IDENTIFIER: US 5019508 A

TITLE: Synovial phospholipases

DATE-ISSUED: May 28, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Johnson; Lorin K.	Pleasanton	CA		
Seilhamer; Jeffrey J.	Milpitas	CA		
Pruzanski; Waldemar	Ontario			CA
Vadas; Peter	Ontario			CA

US-CL-CURRENT: 435/198; 435/252.3, 435/320.1, 536/23.2, 536/23.5

ABSTRACT:

Mammalian synovial phospholipase A.sub.2 (sPLA.sub.2) enzymes are provided, as well as DNA constructs encoding these enzymes, methods of producing the enzymes recombinantly, and antibodies thereto. Therapeutic methods employing anti-synovial phospholipase antibodies are also provided, in addition to diagnostic methods and other applications of sPLA.sub.2.

25 Claims, 12 Drawing figures

Exemplary Claim Number: 12
Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RWD	Draw. De
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